```
EEEEEEEEEEEEEEE  DDDDDDDDDDD     TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD    TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD    TTTTTTTTTTTTTTT
EEE              DDD         DDD      TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEEEEEEEEEEE     DDD          DDD     TTT
EEEEEEEEEEEE     DDD          DDD     TTT
EEEEEEEEEEEE     DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDD         TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD        TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD        TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD        TTT
```

```
WW      WW  FFFFFFFFFF    CCCCCCCC  LL          EEEEEEEEEE    AAAAAA    RRRRRRRR
WW      WW  FFFFFFFFFF    CCCCCCCC  LL          EEEEEEEEEE    AAAAAA    RRRRRRRR
WW      WW  FF          CC          LL          EE          AA      AA  RR      RR
WW      WW  FF          CC          LL          EE          AA      AA  RR      RR
WW      WW  FF          CC          LL          EE          AA      AA  RR      RR
WW      WW  FF          CC          LL          EE          AA      AA  RR      RR
WW      WW  FFFFFFFF    CC          LL          EEEEEEEE    AA      AA  RRRRRRRR
WW      WW  FFFFFFFF    CC          LL          EEEEEEEE    AA      AA  RRRRRRRR
WW  WW  WW  FF          CC          LL          EE          AAAAAAAAAA  RR  RR
WW  WW  WW  FF          CC          LL          EE          AAAAAAAAAA  RR  RR
WWWW  WWWW  FF          CC          LL          EE          AA      AA  RR    RR        ....
WWWW  WWWW  FF          CC          LL          EE          AA      AA  RR    RR        ....
WW      WW  FF            CCCCCCCC  LLLLLLLLLL  EEEEEEEEEE  AA      AA  RR      RR      ....
WW      WW  FF            CCCCCCCC  LLLLLLLLLL  EEEEEEEEEE  AA      AA  RR      RR      ....

LL              IIIIII      SSSSSSSS
LL              IIIIII      SSSSSSSS
LL                II      SS
LL                II      SS
LL                II      SS
LL                II      SS
LL                II        SSSSSS
LL                II        SSSSSS
LL                II              SS
LL                II              SS
LL                II              SS
LL                II              SS
LLLLLLLLLL      IIIIII    SSSSSSSS
LLLLLLLLLL      IIIIII    SSSSSSSS
```

```
;  1     0001  0 %TITLE 'EDT$WFCLEAR - empty the current buffer'
;  2     0002  0 MODULE EDT$WFCLEAR (                            ! Empty the current buffer
;  3     0003  0                     IDENT = 'V04-000'           ! File: WFCLEAR.BLI Edit: JBS1003
;  4     0004  0                     ) =
;  5     0005  1 BEGIN
;  6     0006  1 !
;  7     0007  1 !**********************************************************************************
;  8     0008  1 !*                                                                                *
;  9     0009  1 !*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                       *
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; 23     0023  1 !*                                                                                *
; 24     0024  1 !*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS       *
; 25     0025  1 !*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                      *
; 26     0026  1 !*                                                                                *
; 27     0027  1 !*                                                                                *
; 28     0028  1 !**********************************************************************************
; 29     0029  1 !
; 30     0030  1
; 31     0031  1 !++
; 32     0032  1 ! FACILITY:     EDT -- The DEC Standard Editor
; 33     0033  1 !
; 34     0034  1 ! ABSTRACT:
; 35     0035  1 !
; 36     0036  1 !       Empty the current buffer.
; 37     0037  1 !
; 38     0038  1 ! ENVIRONMENT:  Runs at any access mode - AST reentrant
; 39     0039  1 !
; 40     0040  1 ! AUTHOR: Bob Kushlis, CREATION DATE: October 16, 1978
; 41     0041  1 !
; 42     0042  1 ! MODIFIED BY:
; 43     0043  1 !
; 44     0044  1 ! 1-001 - Original.  DJS 23-Feb-1981.  This module was created by
; 45     0045  1 !       extracting routine EDT$$WF_CLRBUF  from module EDTWF.
; 46     0046  1 ! 1-002 - Regularize headers.  JBS 16-Mar-1981
; 47     0047  1 ! 1-003 - Improve the appearance of the listing.  JBS 20-Jun-1983
; 48     0048  1 !--
; 49     0049  1
```

```
;    51          0050  1 %SBTTL 'Declarations'
;    52          0051  1 !
;    53          0052  1 ! TABLE OF CONTENTS:
;    54          0053  1 !
;    55          0054  1
;    56          0055  1 REQUIRE 'EDTSRC:TRAROUNAM';
;    57          0494  1
;    58          0495  1 FORWARD ROUTINE
;    59          0496  1     EDT$$WF_CLRBUF : NOVALUE;
;    60          0497  1
;    61          0498  1 !
;    62          0499  1 ! INCLUDE FILES:
;    63          0500  1 !
;    64          0501  1
;    65          0502  1 REQUIRE 'EDTSRC:EDTREQ';
;    66          0637  1
;    67          0638  1 !
;    68          0639  1 ! MACROS:
;    69          0640  1 !
;    70          0641  1 !       NONE
;    71          0642  1 !
;    72          0643  1 ! EQUATED SYMBOLS:
;    73          0644  1 !
;    74          0645  1 !       NONE
;    75          0646  1 !
;    76          0647  1 ! OWN STORAGE:
;    77          0648  1 !
;    78          0649  1 !       NONE
;    79          0650  1 !
;    80          0651  1 ! EXTERNAL REFERENCES:
;    81          0652  1 !
;    82          0653  1 !       In the routine
```

```
;    84          0654  1 %SBTTL 'EDT$$WF_CLRBUF  - empty the current buffer'
;    85          0655  1
;    86          0656  1 GLOBAL ROUTINE EDT$$WF_CLRBUF                       ! Empty the current buffer
;    87          0657  1     : NOVALUE =
;    88          0658  1
;    89          0659  1 !++
;    90          0660  1 ! FUNCTIONAL DESCRIPTION:
;    91          0661  1 !
;    92          0662  1 !       Clear the entire current buffer.  The first bucket of the buffer is
;    93          0663  1 !       updated to be empty, and, if there is more than one, the rest of the
;    94          0664  1 !       bucket is placed on the available bucket list.  Note that since the
;    95          0665  1 !       buckets are already linked together, we need only link the last bucket
;    96          0666  1 !       in the buffer to the current available bucket, then make avail the
;    97          0667  1 !       first bucket we are releasing.
;    98          0668  1 !
;    99          0669  1 ! FORMAL PARAMETERS:
;   100          0670  1 !
;   101          0671  1 !       NONE
;   102          0672  1 !
;   103          0673  1 ! IMPLICIT INPUTS:
;   104          0674  1 !
;   105          0675  1 !       EDT$$A_CUR_BUF
;   106          0676  1 !       EDT$$G_WK_AVAIL
;   107          0677  1 !       EDT$$A_WK_BUK
;   108          0678  1 !       EDT$$G_WK_CURBUK
;   109          0679  1 !       EDT$$L_LNO_ZERO
;   110          0680  1 !
;   111          0681  1 ! IMPLICIT OUTPUTS:
;   112          0682  1 !
;   113          0683  1 !       EDT$$G_WK_AVAIL
;   114          0684  1 !       EDT$$A_WK_BUK
;   115          0685  1 !       EDT$$A_CUR_BUF
;   116          0686  1 !       EDT$$G_WK_MODFD
;   117          0687  1 !
;   118          0688  1 ! ROUTINE VALUE:
;   119          0689  1 !
;   120          0690  1 !       NONE
;   121          0691  1 !
;   122          0692  1 ! SIDE EFFECTS:
;   123          0693  1 !
;   124          0694  1 !       NONE
;   125          0695  1 !
;   126          0696  1 !--
;   127          0697  1
;   128          0698  2     BEGIN
;   129          0699  2
;   130          0700  2     EXTERNAL ROUTINE
;   131          0701  2         EDT$$WF_BOT : NOVALUE,
;   132          0702  2         EDT$$TOP_BUF : NOVALUE;
;   133          0703  2
;   134          0704  2     EXTERNAL
;   135          0705  2         EDT$$A_CUR_BUF : REF TBCB_BLOCK,            ! Current text buffer control block
;   136          0706  2         EDT$$G_WK_AVAIL,                            ! Pointer to next available deleted bucket
;   137          0707  2         EDT$$A_WK_BUK :                             ! Pointer to current bucket
;   138          0708  2             REF BLOCK [WF_BUKT_SIZE, BYTE] FIELD (WFB_FIELDS),
;   139          0709  2         EDT$$G_WK_CURBUK,                           ! Number of the current bucket
;   140          0710  2         EDT$$G_WK_MODFD,                            ! Flag indicating bucket was modified
```

```
;  141          0711  2          EDT$$L_LNO_ZERO : LN_BLOCK;
;  142          0712  2
;  143          0713  2      EDT$$TOP_BUF ();
;  144          0714  2  !+
;  145          0715  2  ! Release remaining buckets if there are more than one.
;  146          0716  2  !-
;  147          0717  2
;  148          0718  2      IF (.EDT$$A_WK_BUK [WFB_NEXT_BUKT] NEQ 0)
;  149          0719  2      THEN
;  150          0720  2          BEGIN
;  151          0721  2          EDT$$WF_BOT ();
;  152          0722  2          EDT$$A_WK_BUK [WFB_NEXT_BUKT] = .EDT$$G_WK_AVAIL;
;  153          0723  2          EDT$$G_WK_MODFD = T;
;  154          0724  2          EDT$$TOP_BUF ();
;  155          0725  2          EDT$$G_WK_AVAIL = .EDT$$A_WK_BUK [WFB_NEXT_BUKT];
;  156          0726  2          END;
;  157          0727  2
;  158          0728  2      EDT$$A_CUR_BUF [TBCB_LINE_ADDR] = WFB_FIXED_SIZE;
;  159          0729  2      EDT$$A_WK_BUK [WFB_END] = WFB_FIXED_SIZE;
;  160          0730  2      EDT$$A_WK_BUK [WFB_NEXT_BUKT] = 0;
;  161          0731  2      EDT$$G_WK_MODFD = T;
;  162          0732  2      MOVELINE (EDT$$L_LNO_ZERO, EDT$$A_CUR_BUF [TBCB_LINE_COUNT]);
;  163          0733  2      EDT$$A_CUR_BUF [TBCB_CHAR_COUNT] = 0;
;  164          0734  2      EDT$$A_CUR_BUF [TBCB_LAST_BUKT] = .EDT$$G_WK_CURBUK;
;  165          0735  1      END;                                    ! of routine EDT$$WF_CLRBUF

                                                                    .TITLE  EDT$WFCLEAR EDT$WFCLEAR - empty the current buf
;                                                                                   fer
                                                                    .IDENT  \V04-000\

                                                                    .EXTRN  EDT$$WF_BOT, EDT$$TOP_BUF
                                                                    .EXTRN  EDT$$A_CUR_BUF, EDT$$G_WK_AVAIL
                                                                    .EXTRN  EDT$$A_WK_BUK, EDT$$G_WK_CURBUK
                                                                    .EXTRN  EDT$$G_WK_MODFD
                                                                    .EXTRN  EDT$$L_LNO_ZERO

                                                                    .PSECT  _EDT$CODE,NOWRT,  SHR,  PIC,2

                                                07FC 00000          .ENTRY  EDT$$WF_CLRBUF, Save R2,R3,R4,R5,R6,R7,R8,- ; 0656
                                                                            R9,R10
                                    5A 00000000G  00  9E 00002      MOVAB   EDT$$TOP_BUF, R10                           ;
                                    59 00000000G  00  9E 00009      MOVAB   EDT$$G_WK_MODFD, R9                         ;
                                    58 00000000G  00  9E 00010      MOVAB   EDT$$G_WK_AVAIL, R8                         ;
                                    57 00000000G  00  9E 00017      MOVAB   EDT$$A_WK_BUK, R7                           ;
                                    6A            00  FB 0001E      CALLS   #0, EDT$$TOP_BUF                            ; 0713
                                    50            67  D0 00021      MOVL    EDT$$A_WK_BUK, R0                           ; 0718
                                                02  A0  B5 00024      TSTW    2(R0)                                       ;
                                                1B  13 00027      BEQL    1$                                          ;
                          00000000G 00            00  FB 00029      CALLS   #0, EDT$$WF_BOT                             ; 0721
                                    50            67  D0 00030      MOVL    EDT$$A_WK_BUK, R0                           ; 0722
                                02  A0            68  B0 00033      MOVW    EDT$$G_WK_AVAIL, 2(R0)                      ;
                                    69            01  D0 00037      MOVL    #1, EDT$$G_WK_MODFD                         ; 0723
                                    6A            00  FB 0003A      CALLS   #0, EDT$$TOP_BUF                            ; 0724
                                    50            67  D0 0003D      MOVL    EDT$$A_WK_BUK, R0                           ; 0725
                                    68        02  A0  3C 00040      MOVZWL  2(R0), EDT$$G_WK_AVAIL                      ;
                                    56 00000000G  00  D0 00044 1$:  MOVL    EDT$$A_CUR_BUF, R6                          ; 0728
```

```
                          66            08  D0 0004B        MOVL    #8, (R6)                          ;
                          50            67  D0 0004E        MOVL    EDT$$A_WK_BUK, R0                 ; 0729
                   04     A0            08  D0 00051        MOVL    #8, 4(R0)                         ;
                                 02     A0  B4 00055        CLRW    2(R0)                             ; 0730
                          69            01  D0 00058        MOVL    #1, EDT$$G_WK_MODFD               ; 0731
         18   A6 00000000G 00           06  28 0005B        MOVC3   #6, EDT$$L_LNO_ZERO, 24(R6)       ; 0732
                                 1E     A6  D4 00064        CLRL    30(R6)                            ; 0733
                   10     A6 00000000G  00  B0 00067        MOVW    EDT$$G_WK_CURBUK, 16(R6)          ; 0734
                                            04 0006F        RET                                       ; 0735

; Routine Size:  112 bytes,    Routine Base:  _EDT$CODE + 0000


;  166          0736  1
;  167          0737  1 !<BLF/PAGE>
```

```
;  169          0738  1 END                                   ! of module EDT$WFCLEAR
;  170          0739  1
;  171          0740  0 ELUDOM



;                                PSECT SUMMARY
;
;       Name                    Bytes                           Attributes
;
;  _EDT$CODE                        112  NOVEC,NOWRT,  RD ,  EXE,  SHR,  LCL,  REL,  CON,  PIC,ALIGN(2)


;                              Library Statistics
;
;                                        --------  Symbols  --------      Pages       Processing
;       File                             Total     Loaded   Percent      Mapped      Time
;
;  _$255$DUA28:[EDT.SRC]EDT.L32;1          377         37         9          40        00:00.2
;  _$255$DUA28:[EDT.SRC]PSECTS.L32;1         2          1        50           7        00:00.1



;                                    COMMAND QUALIFIERS

;       BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS$:WFCLEAR/OBJ=OBJ$:WFCLEAR MSRC$:WFCLEAR.BLI/UPDATE=(ENH$:WFCLEAR
;       )

; Size:         112 code + 0 data bytes
; Run Time:         00:11.5
; Elapsed Time:     00:16.1
; Lines/CPU Min:     3877
; Lexemes/CPU-Min: 11937
; Memory Used:  74 pages
; Compilation Complete
```

VMSMSG
LIS

WFCOPLIN
LIS

USSTRNG
LIS

WFSCOPY
LIS

WFDELLIN
LIS

WFGETBKT
LIS

WFOPNBUF
LIS

WFREABCK
LIS

WFREAFWD
LIS

WFSTRNS
LIS

WFAPPBKT
LIS

LIS

LIS

UGBUFFER
LIS

WFCLEAR
LIS

USSUBS
LIS

WFDELBKT
LIS

WFSPLBKT
LIS

WFLOCLIN
LIS

WFRBUKT
LIS

WFINSLIN
LIS

WFREACUR
LIS

WFREAINP
LIS

WFTOP
LIS

WFREPLIN
LIS

WFBOTTOM
LIS

WFECOPY
LIS